



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number

241-389

Date of Issuance

AUG 26 2002

Term of Issuance

Unconditional

Name of Pesticide Product

AC 801.757 3EC miticide-
insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BASF Corporation
26 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3).

1. Submit a 90-Day Inhalation Study (EPA Guideline 870.3465). This study is needed to confirm the occupational inhalation Margins of Exposure (MOEs) that were derived based on route-to-route extrapolation using oral study endpoints. The Agency may consider waiving this requirement if you can provide information/data demonstrating that the route-to-route extrapolation used in the occupational risk assessment does not underestimate potential risk to workers. Please refer to the enclosed hazard and risk assessment documents for tebufenpyrad.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read: "EPA Reg. No. 241-389"
 - b. Revise the First Aid statements in accordance with the Agency's latest guidance in PR Notice 2001-1 for products containing greater than 10% petroleum distillate. This PR Notice is available on the Office of Pesticide Program's Internet site (http://www.epa.gov/opppmsd1/PR_Notices/). The revised First Aid statements are shown below:

Signature of Approving Official:

Date:

August 26, 2002

If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

[NOTE: The submitted label did not include inhalation First Aid statements. The inhalation statements are required, however, based on the product's classification in acute inhalation toxicity category III.]

- c. Since the label allows tank-mixing with other products, add the following tank-mixing precautions to the Directions for Use:

“Tank -mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. Prior to tank-mixing, a small jar compatibility test should be conducted using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture.”

- 3. Submit two (2) copies of your final printed label before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

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If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosures

BASF

AC 801,757 3EC

miticide-insecticide

FOR USE ON ORNAMENTAL CROPS GROWN IN COMMERCIAL GREENHOUSES

ACTIVE INGREDIENT:

Pyrazole, 5-carboxamide, N-(p-tert-butylbenzyl)-4-chloro-3-ethyl-1-methyl 34.6%

INERT INGREDIENTS*: 65.4%

TOTAL: 100.0%

(1 gallon contains 3.0 pounds of active ingredient)

*Contains petroleum distillate.

EPA Reg. No. 241-

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN WARNING! ¡AVISO!

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See inside booklet for complete **Precautionary Statements, First Aid, Directions For Use, and Conditions of Sale and Warranty.**

Net Contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

AUG 26 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

241-389

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a doctor or get medical attention. • DO NOT induce vomiting. • Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. • Do not give anything by mouth to an unconscious person. • Avoid alcohol.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. • Get medical attention.
IF ON SKIN:	<ul style="list-style-type: none"> • Wash with plenty of soap and water. • Get medical attention.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357)</p>	
<p>NOTE TO PHYSICIAN: Contains petroleum distillate, vomiting may cause aspiration pneumonia.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (and DOMESTIC ANIMALS)

WARNING

May be fatal if swallowed. Causes moderate eye irritation and skin irritation. Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate or Viton (≥14 mils).
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates.

DO NOT contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product through any type of irrigation system.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This labeling must be in the possession of the user at the time of pesticide application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls.
- Chemical-resistant gloves, such as barrier laminate or Viton (≥14 mils).
- Shoes plus socks.

STORAGE AND DISPOSAL

PROHIBITIONS: DO NOT contaminate water, food or feed by storage or disposal.

DO NOT store in direct sunlight or heat. Keep away from heat, open flame, or sparks.

PESTICIDE STORAGE: Keep out of reach of children and animals.

Use with adequate ventilation.

Store in original container in a cool, dry place. Replace lid and keep tightly closed after opening.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

MIXING INSTRUCTIONS

Dilute the desired amount of AC 801,757 3EC in sufficient water to give thorough spray coverage of ornamental crop. Add product to clean water in partially filled spray tank while agitating. Fill the tank with the remainder of the water and continue agitation. If tank mixes are used, AC 801,757 3EC must be fully dispersed in water first, followed by the addition of the tank-mixed materials.

APPLICATION INSTRUCTIONS

AC 801,757 3EC may be used on non-edible ornamental plants grown in greenhouses. Apply specified dosage using sufficient water to obtain uniform and complete coverage of foliage, including the undersides of leaves. A spreader-sticker may aid in obtaining good coverage.

Repeat application at a 5 to 7-day interval or as necessary to maintain control. See section on RESISTANCE MANAGEMENT for additional instructions.

Application equipment may include hydraulic, backpack, compressed air, low volume, electrostatic, and other types of sprayers. Equipment compatibility with diluted pesticide mixtures should be tested prior to application.

This product has been evaluated for phytotoxicity on a wide variety of ornamental plants. However, since all combinations with other pesticides and spray adjuvants have not been tested, evaluate all combinations on a small area to be sprayed before treating large areas.

SPECIAL PRECAUTIONS

This product has been tested on a wide variety of plants and has demonstrated excellent plant safety; however, not all varieties or strains of the plants listed have been tested. To minimize the risk of damaging ornamentals, make applications prior to blooming or avoid blooms where possible. Apply in the coolest times of the day.

Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application, and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application. **All tank mixes should be evaluated for phytotoxicity prior to application due to additive effects of surfactants and wetting agents contained in the formulated products.**

- | | |
|----------------|-----------------|
| African daisy | Gerbera daisy |
| African violet | Lily, asiatic |
| Ageratum | Lily, oriental |
| Alex ivy | Lisianthus |
| Aster | Marigold |
| Azalea | Miniature rose |
| Carnation | Needlepoint ivy |
| Chrysanthemum | Pansy |
| Cock's comb | Petunia |
| Croton | Ranunculus |
| Dianthus | Snapdragon |
| Fuschia | Syngonim |
| Gardenia | Verbena |
| Gazania | Vinca |

Phytotoxicity may occur to some varieties of begonia, geranium, impatiens, New Guinea impatiens, poinsettia, rose (hybrid tea), and salvia.

APPLICATION RATES

Greenhouse Ornamentals (non-food plants)

PEST	RATE ¹ (lbs ai/100 gal)	RATE ¹ (fl oz/100 gal)	REMARKS
Spider mites, including Twospotted spider mite	0.02 - 0.08	0.8 - 3.4	Use adequate spray volume to insure thorough coverage.
Melon aphid, Cotton aphid	0.08 - 0.16	3.4 - 6.8	
Grape mealybug ^{2,3} Green peach aphid Serpentine leafminer ^{2,3} Western flower thrips ² Whiteflies ^{2,3} , including Silverleaf whitefly	0.16 - 0.40	6.8 - 17.1	Treat when pests are in early stages of development. Insects concealed in blooms will be difficult to control.

¹Rate expressed as pounds of active ingredient (ai) or fluid ounces of formulation per 100 gallons of spray mixture. Use higher rate when pest infestation is heavy. Treat pests when susceptible stages begin to appear and before crop damage occurs.

²Make application as soon as first individuals appear. (Provides suppression for low infestations of these pests.)

³May require 3 to 4 treatments on a 5 to 7-day spray schedule for control. Refer to section on RESISTANCE MANAGEMENT.

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NVA 2002-04-211-0110
Rev. 7-31-02

RESISTANCE MANAGEMENT

Treatment may not be effective if tolerant strains develop. To reduce the potential for developing pest resistance to this product, rotate with miticides and insecticides from different classes of chemicals* with different modes of action.

Use one of the following resistance management strategies:

1. Do not make more than 2 consecutive and no more than a total of 4 applications of AC 801,757 3EC during a growing cycle (start to finish for one greenhouse crop).

- or -

2. Do not make more than 4 consecutive applications of AC 801,757 3EC during a growing cycle, then rotate to another class of chemical for the next crop.

*AC 801,757 3EC is an electron transport inhibitor and should not be used in rotation with other products with a similar mode of action.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

BASF Corporation
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